

AMENDMENT**In the Claims**

Claim 1 (currently amended): A method for producing a first polyketide, said method comprising expressing polyketide synthase (PKS) genes encoding a first PKS that produce[[s]] the first polyketide in [[a]] an overproducing cell that has been optimized to express polyketide synthase (PKS) genes encoding a second PKS that produces a second polyketide ~~for the production of a second polyketide,~~ wherein the genes encoding the second PKS are deleted or otherwise rendered inactive.

Claim 2 (currently amended): The method of Claim 1, wherein said first ~~polyketide~~ PKS is a ~~derivative~~ modified form of [[the]] said second polyketide PKS, wherein said modification comprises inactivating at least one enzymatic domain ~~and said method further comprises altering the PKS genes in the overproducing cell such that those genes express a PKS that produces the first polyketide.~~

Claim 3 (original): The method of Claim 1, said method further comprising introducing genes that express a PKS that produces the first polyketide into the overproducing cell.

Claim 4 (currently amended): The method of Claim ~~[[1]]~~ 3, wherein the genes ~~that express the PKS that produces the second polyketide~~ encoding the second PKS are deleted or otherwise rendered inactive before or after introduction of the genes that encode the PKS that produces the first polyketide.

Claim 5 (currently amended): The method of Claim 1, wherein the overproducing cell produces the second polyketide at a level greater than 1 g/L of culture medium.

Claim 6 (currently amended): The method of Claim 1, wherein the overproducing cell produces the second polyketide at a level greater than 10 g/L of culture medium.

Claim 7 (currently amended): The method of Claim 1, wherein the overproducing cell produces the first polyketide at a level greater than 10 mg/L of culture medium.

Claim 8 (currently amended): The method of Claim 1, wherein the overproducing cell produces the first polyketide at a level greater than 100 mg/L of culture medium.

Claims 9-20 (withdrawn)